FORM PTO-1			_			Ū.	S. D Pater	epartment of nt and Trade	Commerce Path Office	Atty. Doc P24623	ket No.		Application No. 10/720, 113				
II	NFO			BY	APF	LIC	ANT	-	ATEMENT	7 2004 62	Applicant Hyeun Sil	k NAM et al					
		(U	ise se	evera	i sh	eets	f ne	cessa	U.S. PA	· •	Filing Date November 25, 2003			Group 1744			
									U.S. PA	TENT DOC	UMENTS						
EXAMINER INITIAL		_ c	ocı	UME	ENT	NUI	мве	R	DATE		ME	CLASS	SUBCLASS		FILING DATE IF APPROPRIATE		
	<u> </u>	<u> </u>						_					ļ				
	<u> </u>		<u> </u>		ļ	Ŀ		<u> </u>		ļ		ļ. <u></u>	<u> </u>				
	ļ		<u> </u>			<u> </u>		<u> </u>	<u> </u>								
	<u> </u>	<u> </u>	<u> </u>			<u> </u>		ļ					<u> </u>				
	<u> </u>	<u> </u>	ļ		_	<u> </u>				ļ		<del> </del>					
-	<u> </u>	<u> </u>	<u> </u>	_	_	<u> </u>	_						ļ				
	_	├			<u> </u>	<u> </u>	ļ	ļ	ļ		·		ļ				
	<del> </del>	-		_		ļ		ļ		<u> </u>		ļ	ļ				
	-	-		_		<u> </u>	ļ	_	<del> </del>	ļ	<del> </del>		ļ				
	_	-	-	-	_					<u> </u>			<b>-</b>				
	╁	<del> </del>	-	<del> </del>		-	├		<del> </del>	ļ	<del></del>	ļ	1			-	
	-	├		-		<del>                                     </del>	_			<u> </u>		<b></b>	<del> </del>				
	<b>-</b>	-	-	<u> </u>	_	<del>                                     </del>	_	-				<del> </del>	<del>                                     </del>				
	<u> </u>	L	i		L	1	<u> </u>	<u> </u>	FOREICN	PATENT DO	CUMEN	re	<u> </u>		<u> </u>		
	Ι-	<u> </u>							TOREIGN	INTENTO	COMEN		1		TRANC	LATION	
DR	_	-	DOCUMENT NUMBER						DATE	<del> </del>	NTRY CLASS		SUBCLA		TRANSLATION S YES NO		
DK .	6	4	•	2	2	2	2	5	01/25/89	JAPAN		ļ <u>.</u>			ļ	<u> </u>	
		-		-						· · · · · · · · · · · · · · · · · · ·						<del> </del>	
	-	-		-			$\vdash$			<del> </del>			-			-	
	-	-				$\vdash$										<del> </del>	
<del></del>	<u>.                                    </u>	<u> </u>			JED			MES.	ITS (In alma)		Tiale Dear	D-v4'4 D	<u> </u>		l		
DR	_	1							act of JP 64-2		Title, Date,	Pertinent Pa	iges, Et	c.)			
DK	-	'	Lin	gusu	Lai	iguaş	36 A	USITA	101 17 04-2		<del>-</del>			·			
	-																
					_							<del></del>		<del></del>			
										<del></del>							
	_					,							-	<del></del>			
· · · · · · · · ·					_												
EXAMINER		/1	avi	d 1	Red	din	g/	(08	3/28/2000	S) DA	TE CONSIL	DERED					
*EXAMINER:	Init	ial if	cita	tion	cons	ider	ed, v	vhetl	her or not cit	ation is in co	nformance	with MPEP 6	09; drav	v line thro	ough citation	on if not in	
conformance a	nd n	ot co	onsid	ered.	. In	clude	cop	y of	this form wi	th next comp	nunication t	o applicant.				ł	

FORM PTO-1449						U.S	S. D Pate	epai	rtment of Co	LADA ACE	P24623			Application No. 10/720,113			
INI			BY	' AP	PLK	CAN	T		EMENT APR	2 8 2005	Applicant Hyeun Si	k NAM et al.					
	(Us	e se	evera	al st	neet	s if n	ece	_	TY) REPORTS TO	PADEMARY	Filing Dat Novembe	te er 25, 2003		Group 1744	-		
									J.S. PATEN	TDOCU	MENTS		<del></del>	<del></del>	511 INC	DATE	
EXAMINER INITIAL		D:	ocı	JME	ENT	NUI	иве	R	DATE		NAME	CLASS	SUE	BCLASS	FILING DATE IF APPROPRIATE		
DR		6	0	7	9	0	7	$\overline{}$	06/27/00	ОКА					·		
													-		<del></del>		
								_	ļ <u> </u>				-				
					<u> </u>		_	<u> </u>					<del> </del>				
			_		├-		<u> </u>						+			_	
		_	-	_	-	-	-	$\vdash$	<del> </del>				+-	-			
		-	<u> </u>	-	$\vdash$		┼-	+-		<del> </del>			+-				
		├-	-	├	┼-	╁	╁	$\vdash$					T				
		├-		╁	╁╌	1	$\vdash$	╁╌									
		├	1	-	+-	$\vdash$	$\vdash$	$\dagger$	<del>                                     </del>	<del> </del> -							
	-		+-	十	$\dagger$	1.	<u> </u>	T									
		<del>                                     </del>	$\dagger$	$\vdash$	十			T									
	<u></u>	T	<del>†                                    </del>		1												
,		1											<u> </u>		<u> </u>		
									<u></u>					·	L		
								FC	REIGN PA	TENT DO	CUMENTS	<del></del>			TOANG	ATION	
		DOCUMENT NUMBER						ER	DATE COUNTRY			CLASS	SUB	CLASS	TRANSI YES	NO	
													ļ				
				$\perp$		_	1_	$\downarrow$		<del> </del>	<u> </u>	-	-			<u> </u>	
		_		$oldsymbol{\perp}$	_	_	-	+	<del> </del>			<del> </del>		<del></del>			
		1	_	_	1	_	-	$\perp$		<del> </del>		<del> </del>	<del> </del>		<u> : </u>	<u> </u>	
				<u></u>	<u></u>				<u> </u>	Lusha- T	itle Date !	Partinent P	1	Etc \		<u></u> _	
	<del></del>	(	HTC	ER	סט		ieN	15	including A	aumor, I	ille, Dale, I	Pertinent Pa	-B031				
		-	+												<del></del>		
	<u> </u>	+	+														
		+	+	_		-			- <del></del>							· · · ·	
		+-	+							<u> </u>		-					
		+	+														
	1	_1_							28/2006)		ATE CON						

IDS - 05/07/2004

P24623.A01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hyeun Sik NAM et al.

Group Art Unit: Unknown

Serial No.: 10/720,113

Examiner: Unknown

Filed:

November 25, 2003

For

CLEANER HAVING BRUSH

## INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents Alexandria, Virginia 22313

Sir:

In accordance with the duty of disclosure under 37 C.F.R. 1.56, 1.97-1.98, Applicants bring to the Examiner's attention the following copending and commonly assigned patent application:

U.S. Patent Application No. 10/716,540 to Nam et al., filed on November 20, 2003.

In accordance with 37 C.F.R. 1.98(a)(2)(iii), a copy of the above-mentioned application is attached hereto. However, the Examiner is also requested to review the file wrapper of this U.S. patent application at the U.S. Patent and Trademark Office and the references of record, if any, cited therein.

## P24623.A01

Should the Examiner have any questions, the Examiner is invited to contact the undersigned at the below-listed telephone number.

Respectfully submitted, Hyeun Sik NAM et al.

Will. E. Lydl Reg. No.
Bruce H. Bernstein 41, 568

Reg. No. 29,027

February 10, 2004 GREENBLUM & BERNSTEIN, P.L.C. 1950 Roland Clarke Place Reston, VA 20191 (703) 716-1191